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| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | ATTORNEY'S DOCKET NUMBER 3691-0123PUS1 ✓ |
| INTERNATIONAL APPLICATION NO. PCT/JP2004/003587 ✓ | | INTERNATIONAL FILING DATE 17 March 2004 ✓ |
| TITLE OF INVENTION FRUCTOSYLAMINE OXIDASE | | U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/54903 NEW |
| APPLICANT(S) FOR DO/EO/US Koji SODE | | PRIORITY DATE CLAIMED 17 March 2003 ✓ |

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☒ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☒ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

PTO-1390 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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| U.S. APPLICATION NO. 10/549703 NEW | INTERNATIONAL APPLICATION NO. PCT/JP2004/003587 | ATTORNEY'S DOCKET NUMBER 3691-0123PUS1 |
| 20. <input checked="" type="checkbox"/> Other items or information: PCT/ISA/210; PCT/IB/304; PCT/IB/308 (First Notice); PCT/IB/308 (Second Notice); Petition to Accept Color Drawings; Eight Sheets of Sequence Listing and Seven Sheets of Formal Drawings | | |
| The following fees have been submitted | | |
| 21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)) \$300 | CALCULATIONS \$ 300.00 | PTO USE ONLY |
| 22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0 All other situations\$200 | \$ 200.00 | |
| 23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority\$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....\$400 All other situations.....\$500 | \$ 400.00 | |
| TOTAL OF 21, 22 and 23 = | \$ 900.00 | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) |
| 63 - 100 = | /50 = | |
| | | x \$250.00 |
| Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)). | | |
| \$ 130.00 | | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA |
| Total claims | 31 - 20 = | 11 |
| Independent claims | 3 - 3 = | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) YES | | |
| + 360.00 | | |
| TOTAL OF ABOVE CALCULATIONS = | | |
| \$ 1,940.00 | | |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. | | |
| SUBTOTAL = | | |
| \$ 970.00 | | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). | | |
| TOTAL NATIONAL FEE = | | |
| \$ 970.00 | | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | |
| TOTAL FEES ENCLOSED = | | |
| \$ 970.00 | | |
| | | Amount to be refunded: \$ |
| | | Amount to be charged \$ |

10/549703

JC20 Rec'd PCT/PTO 19 SEP 2005

PTO-1390 (Rev. 07-2005)

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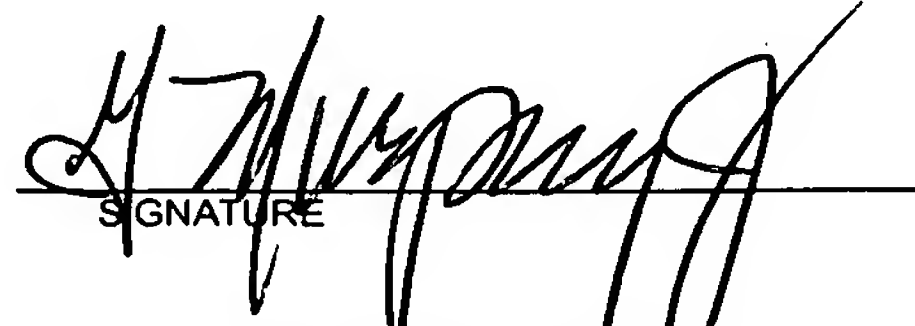
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- ✓ a. ☒ A check in the amount of \$ 970.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit
Account No. 02-2448 . A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information
should not be included on this form. Provide credit card information and authorization on PTO-2038

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be
filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

CUSTOMER NUMBER: 02292
September 19, 2005
/smt


SIGNATURE
Gerald M. Murphy, Jr.
NAME

28,977
REGISTRATION NUMBER

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Koji SODE

Application No.: NEW

Confirmation No.: N/A

Filed: September 19, 2005

Art Unit: N/A

For: FRUCTOSYLAMINE OXIDASE

Examiner: Not Yet Assigned

PETITION UNDER 37 C.F.R. § 1.84(A)(2)
TO ACCEPT COLOR DRAWINGS AND/OR PHOTOGRAPHS

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicant hereby petitions that color drawings under 37 C.F.R. § 1.84(a)(2) be accepted in the above-identified application.

Color drawings are necessary as they are the only practical medium by which the subject matter of the present application can be disclosed. Three (3) sets of color drawings are provided, and are believed to be of sufficient quality that all details will be reproducible in black and white in the printed patent.

It is noted that black and white photocopies of any color drawing or photograph are no longer required under 37 C.F.R. § 1.84(a)(2)(iii) as of October 1, 2001.

Amendment to the Specification

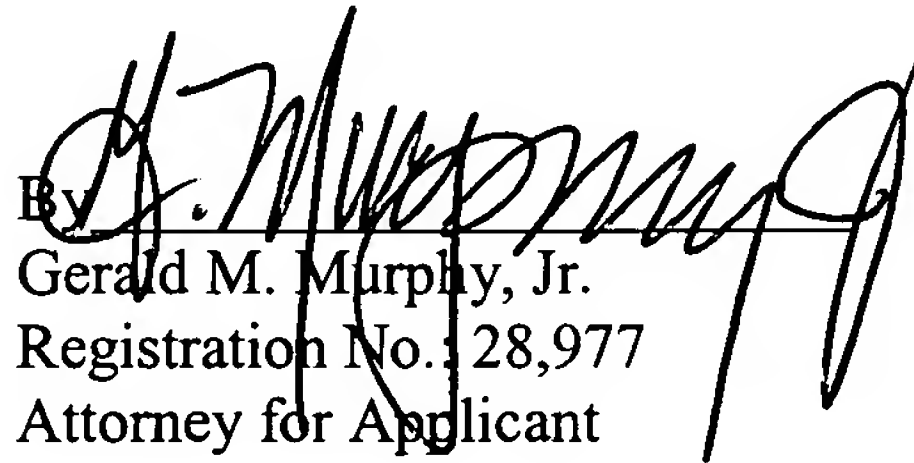
Preliminary Amendment is being submitted concurrently herewith, providing reference to the color drawings in the first paragraph of the brief description of the drawings.

The required fee under 37 C.F.R. § 1.17(h) is attached.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§1.16 or 1.17; particularly, extension of time fees.

Dated: September 19, 2005

Respectfully submitted,

By 
Gerald M. Murphy, Jr.
Registration No. 28,977
Attorney for Applicant

Attachment(s)